



FCI CONFIDENTIAL

PRODUCT NUMBER
20020006-XXX1B01LF

20020006- 1 B 0 1 L F

PITCH

G: 5.00 mm
H: 5.08 mm

POLES

02: 2 POLES
03: 3 POLES
04: 4 POLES
24: 24 POLES

LF: DENOTED RoHS COMPATIBLE

PROPERTY TABLE

FCI SERIES NAME	01-500	01-508
PITCH (mm)	5.00	5.08
VOLTAGE RATING (VAC)	300	300
CURRENT RATING (A)	12	12
APPLICABLE WIRE RANGE (AWG)	12 ~ 24	12 ~ 24
WIRE CROSS SECTION (mm×mm)	4.0 ~ 0.2	4.0 ~ 0.2
WIRE STRIP LENGTH(mm)	7 ~ 8	7 ~ 8
TORQUE +/-10% (N-m/Lb-in)	0.57/5.0	0.57/5.0
SCREW	M3x0.5	M3x0.5
WITHSTANDING VOLTAGE (kV)	1.6	1.6
OPERATING TEMP. (°C)	-40 ~ +115	-40 ~ +115
POLES AVAILABLE	02 ~ 24	02 ~ 24
SAFETY CERTIFICATE		

NOTES:

1. MATERIALS

1-1 HOUSING: THERMALPLASTIC RESIN, UL 94V-0 RATED, COLOR GREEN.

1-2 SCREW: STEEL, ZINC PLATED.

1-3 CLAMP: BRASS, NICKEL PLATED.

1-4 TERMINAL: PHOSPHOROUS BRONZES, TIN PLATED.




2. PRODUCT SPECIFICATION REFER TO FCI GS-12-625.

3. BOX PACKAGING, DETAILED PRODUCT PACKING SPECIFICATION REFER TO FCI GS-14-1394.

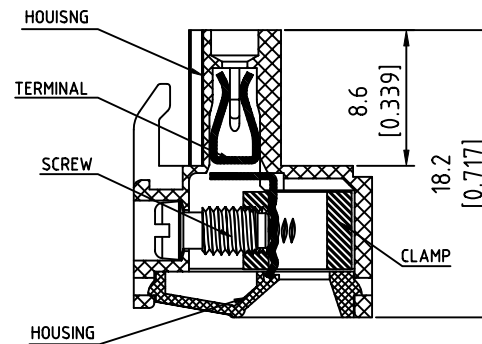
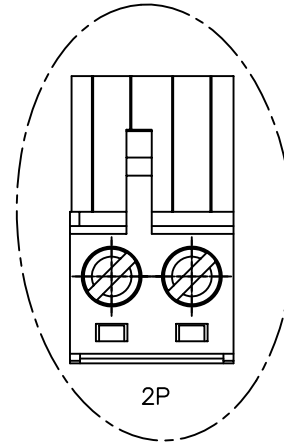
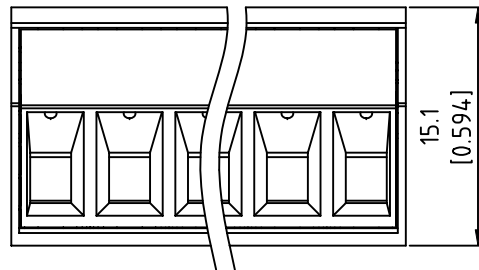
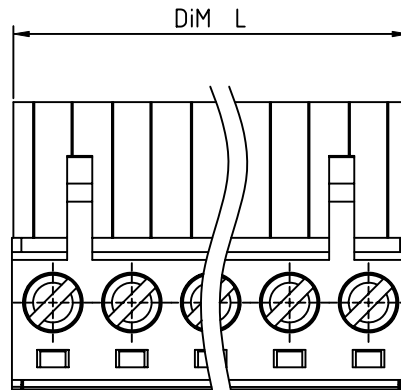
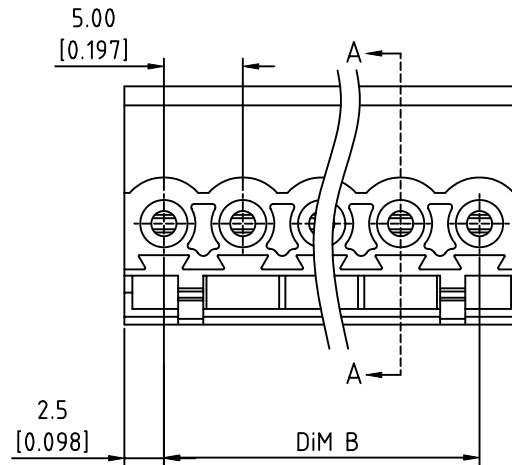
4. FCI, SAFETY CERTIFICATE LOGO AND SERIES NAME TO BE SHOWN ON PRODUCT SURFACE.

5. THE PRODUCTS WHERE THE PART NUMBER END IN "LF" MEET THE EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

TOLERANCES UNLESS OTHERWISE SPECIFIED				rev	ecn no	dr	date
LINEAR	X	±0.5	D	T10-0042	WL	03/03/10	
	XX	±0.30	-	-	-	-	
	XXX	±0.10	-	-	-	-	
	ANGULAR	X°	±1°	-	-	-	

Material			Spec ref		*		
Mat code			✓	tolerance	projection		
Heattreat							
Plating/Finish							
Dr	BEER FU	062509	size			A4	Scale
Eng	BEER FU	062509	Product family				
Chr	GARY HSIEH	062509	Model Name			ECN	T10-0042
Appr	JOSEPH HSIA	062509	Model Revision			REL Level	RELEASED
		title			dwg no		Rev
		TERMINAL BLOCK			20020006		D
		Pluggable plug, contact up side					
Pro/E file		catalog no			CUSTOMER		sheet 1 of 3

PRODUCT NUMBER	SERIES NAME	PITCH
20020006-GXX1B01LF	01-500	5.00 mm



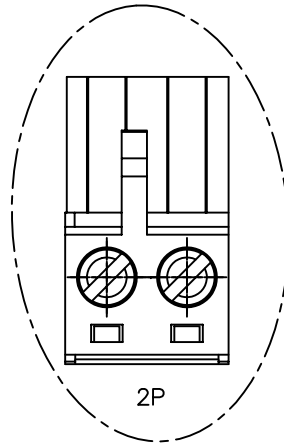
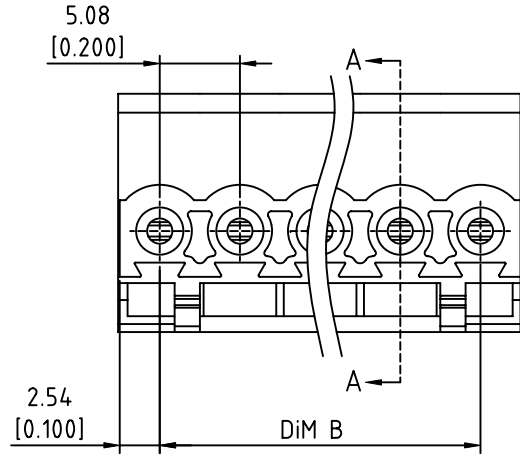
SECTION A-A

N = Number of poles
 Dim A = $N \times 5.0 [0.197]$
 Dim B = $(N-1) \times 5.0 [0.197]$

TOL.	Dim A	Dim B
2-5p	$\pm 0.15 [0.006]$	
6-10p	$\pm 0.20 [0.008]$	
11-15p	$\pm 0.25 [0.010]$	
16-20p	$\pm 0.30 [0.012]$	
21-24p	$\pm 0.40 [0.016]$	

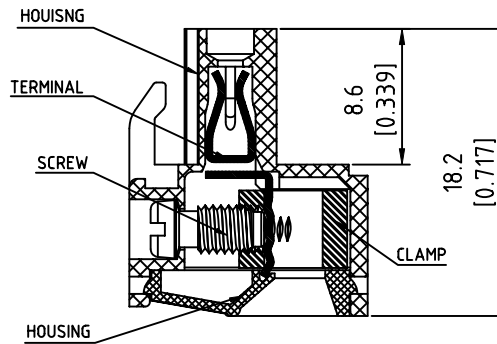
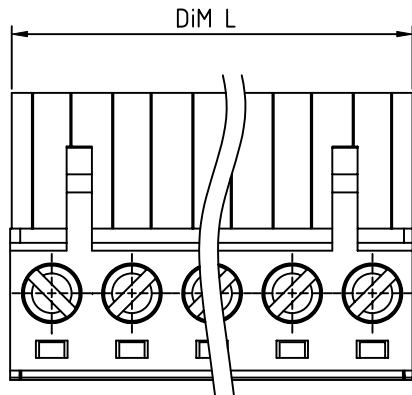
Material			Spec ref			
Mat code			✓	tolerance	projection	MM ←————→
Heattreat						
Plating/Finish						
Dr	BEER FU	062509			size	Scale
Eng	BEER FU	062509	Product family		A4	
Chr	GARY HSIEH	062509	Model Name		ECN	T10-0042
Appr	JOSEPH HSIA	062509	Model Revision		REL Level	RELEASED
	title	TERMINAL BLOCK			dwg no	20020006
		Pluggable plug, contact up side				
Pro/E file	catalog no				CUSTOMER	sheet 2 of 3

PRODUCT NUMBER	SERIES NAME	PITCH
20020006-HXX1B01LF	01-508	5.08 mm

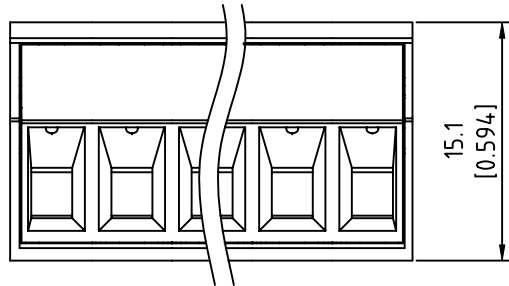




N = Number of poles
 Dim A = $N \times 5.08 [0.200]$
 Dim B = $(N-1) \times 5.08 [0.200]$

TOL.	Dim A	Dim B
2-5p	$\pm 0.15 [0.006]$	
6-10p	$\pm 0.20 [0.008]$	
11-15p	$\pm 0.25 [0.010]$	
16-20p	$\pm 0.30 [0.012]$	
21-24p	$\pm 0.40 [0.016]$	



SECTION A-A



Material			Spec ref		
Mat code		<div>✓</div>	tolerance	projection	<div>MM</div>
Heattreat				<div></div>	
Plating/Finish					
Dr	BEER FU	062509	size		Scale
Eng	BEER FU	062509	Product family		A4
Chr	GARY HSIEH	062509	Model Name		ECN T10-0042
Appr	JOSEPH HSIA	062509	Model Revision		REL Level RELEASED
<div></div>	title		dwg no		Rev.
	TERMINAL BLOCK		20020006		D
	Pluggable plug, contact up side				
Pro/E file	catalog no		CUSTOMER		sheet 3 of 3